

Abstract of the Disclosure

Provided are an input file generation method and system using a meta language regarding graphics data compression. The method includes making an extensible markup language (XML) schema that defines at least a compression node describing object data to be compressed, and parameters used to data compression; making style sheets which support conversion of an input XML file into a file, which is to be input to a data compression encoder, based on the XML schema; and generating a file, which is to be input to the data compression encoder, by parsing the input XML file based on the XML schema and the style sheets. Accordingly, an author can easily use and compress three-dimensional (3D) data using the meta language during authoring 3D contents. Further, the author can select a data compression format and controls data compression. Whether data is to be compressed or not and the format of data compression can be determined by representation of the metal language.